

LISTING OF THE CLAIMS:

1. (Currently Amended) A lighting system for the illumination of the interior of aircraft cabins and for providing selective illuminated information, displays and signs, comprising light emitting diodes (8.1 - 8.5, 9.1 - 9.5, 10.1 - 10.5, 11.1 - 11.5) which are arranged being mounted at or in a cabin wall or ceiling of said aircraft cabins to direct light to the interiors of said aircraft cabins, ~~characterised~~ characterized in that there are provided a plurality of lighting units (4 - 7) which each have a plurality of light emitting diodes connected in series (8.1 - 8.5, 9.1 - 9.5, 10.1 - 10.5, 11.1 - 11.5), the light emitting diodes (8.1 - 8.5, 9.1 - 9.5, 10.1 - 10.5, 11.1 - 11.5) are actuable by means of pulse width modulation, a control device (1) which has a plurality of outputs (2.1 - 2.3), wherein lighting units (4 - 7) to be selectively actuated in various ways are connected to respectively different outputs (2.1 - 2.3) of said control device, and a plurality of regulating modules (12 - 15) are interposed between said control device and said lighting units, each of said regulating modules being connected to respectively one of the outputs (2.1 - 2.3) of said control device, each one of said regulating modules having an output connected to, respectively, a separate one of said lighting units; wherein actuation of the lighting units (4 - 7) is effected independently of each other through operation of the control device (1), each said regulating module (12 - 15) holding the current passing through the light emitting diodes (8.1 - 8.5, 9.1 - 9.5, 10.1 - 10.5, 11.1 - 11.5) of a therewith associated lighting unit (4 - 7) at a constant value.

Claim 2. (Cancelled).

3. (Previously Presented) A lighting system according to claim 1 characterized in that lighting units (4 - 7) which are to be actuated at the same time are connected to an output (2.1 - 2.3) of the control device (1), wherein the lighting units (4 - 7) are electrically connected in parallel with each other.

Claim 4. (Cancelled).

Claim 5. (Cancelled).

Claim 6 (Cancelled).

7. (Currently Amended) A lighting system according to claim 1 characterized in that the light emitting diodes (8.1 - 8.5, 9.1 - 9.5, 10.1 - 10.5, 11.1 - 11.5) are arranged mounted at or in the cabin wall or ceiling of said aircraft cabins so as to facilitate the displaying of signs or images.

8. (Previously Presented) A lighting system according to claim 1 characterized in that the light emitting diodes (8.1 - 8.5, 9.1 - 9.5, 10.1 - 10.5, 11.1 - 11.5) are actuable so as to selectively represent flashing, twinkling, colour change or moving light.

9. (Previously Presented) Use of the lighting system according to claim 1 as effect-producing lighting, for stimulating a starry sky, for displaying information or for marking localities.

10. (Original) Use according to claim 9 characterised in that actuation of the lighting is effected coupled to events in the aircraft.

11. (Previously Presented) A lighting system according to claim 1, comprising five of said light emitting diodes connected in series in at least one of said lighting units.